

# **DEPOSITING FLUID SPECIMENS ON SUBSTRATES, RESULTING ORDERED ARRAYS, TECHNIQUES FOR DEPOSITION OF ARRAYS**

## **Abstract**

An apparatus and a method is described for depositing fluid dots on a receiving surface to form an array. The apparatus includes a deposit device cooperatively related with a fluid source, a drop-carrying element coupled to the deposit device, a transport mechanism for positioning the device at a precisely referenced position over the receiving surface, and a drive mechanism for moving the element, relatively, in deposition motion toward and away from the surface.